

(1) Number of pages 10
 (2) Date of repair 8. 10. 88.
 (3) Initials of the Referencer Law

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works.

DEPARTMENT

G.O. No.	337. W.	Press.
B.P. No.		Mis.

Dated	30. - 1 - 1879	~~19~~ .
-------	----------------	-----------------

Not to be folded or roughly handled

AA

337^W
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

30th January 1879, No. 337 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 289. Endorsement of the Superintending Engineer, Third Circle, dated 20th January 1879, No. 282.

From, Colonel F. J. MOBERLY, R.E., Executive Engineer, Bangalore, to the Superintending Engineer, Third Circle, dated Bangalore, 7th January 1879, No. 208.

In forwarding the completion certificate for the new butts, I have the honor to submit a comparative statement with the following explanatory remarks.

One Comparative Statement.
One C. Certificate.

2. From the position of the old butts it was impossible to shoot at the long ranges, as the line of fire crossed two roads in very common use. The butts for two Regiments were therefore put back 100 yards down the reverse slope of the hill to that on which the platforms were. In laying out the ground for the butts, I found it necessary to remove, or to cover in, some heaps of rocks which were immediately in front of the site shown on plan. The latter was the more economical, and I think more satisfactory, course, and was approved by the Lieutenant-General Commanding and the Chief Instructor for Musketry.

3. It being waste land the amount given in the estimate for compensation would be saved.

4. But against this were omissions, two Markers butts instead of four were entered in the estimate, and no provision was made for the construction of platforms.

5. The lines of fire are crossed by two considerable ravines; from the nearer one we could see nothing of the bottom of the target in consequence of the low ridge on which the old butt was situated. I was obliged therefore to make cuttings through this.

6. The firing platforms at 700 yards were in the further ravine, one of which was dammed up to form a small tank. One platform in this last was made by constructing a small island with a narrow roadway; another in the stream way was built with stones from ricochet butts, &c.

7. Roads also were required to enable the parties to proceed along their lines of fire without running the risk of being shot by their neighbours.

8. I was able to carry all these out from the compensation money and savings on the butts; but unfortunately while the work was in progress we had very continuous rain and unusually numerous heavy storms, so that the new earth of No. 1 was quite saturated and slipped very badly to the rear. I was obliged to make a berm at foot and to give the lower 12 feet of the face a slope of 1 instead of $\frac{1}{2}$ to 1. It was impossible to tamp the solution which the rain made of it.

9. The total excess is Rupees 173-2-8, which I believe under the circumstances is very little.

2 PUBLIC WORKS DEPARTMENT, 30TH JANUARY 1879, No. 337 W.

TRUE copy forwarded to the Chief Engineer, Public Works Department, for the sanction of Government with original comparative statement.

(Signed) P. O'CONNELL, Colonel, R.E.,
Supg. Engineer, Third Circle.

No. 290. ORDER THEREON, 30th January 1879, No. 337 W.

SANCTIONED.

2. This sanction has been registered as Imperial No. 118 B. of 1878-79.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Third Circle.
" Examiner of Public Works Accounts.
" Military Department.

Ed. E. C. Shunker
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1879) ~~Madras~~
PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
THIRD CIRCLE,
&c., &c., &c.

Dated January 30th.

Issued

Recd.

Each

G.O., 30th January 1879, No. 337 W.

JANUARY.

Nos. 289-290.

Volunteer Stop Markers' Batts, &c.,
Bangalore.—The revised estimate for dis-
mantling and rebuilding the —, sanctioned

No. 208

Ex Engineer's Office

Bangalore, 7th January 1879

From

The Ex Engineer 337/2

Bangalore

To

The Superintending Engineer

3rd Circle.

Madras

Sir,

Enclosures 2

1. Compt. statement
1. Certificate

In forwarding the completion certi-
ficate for the new batts, I have the honor
to submit a comparative statement, with
the following explanatory remarks.

2 From the position of the old batts,
it was impossible to shoot at the long ranges,
as the line of fire crossed 2 roads in very com-
mon use. The batts for 2 Regiments were,
therefore, put back 100 yards down the reverse
slope of the Hill to that on which the plat-
forms were. In laying out the grounds for
the batts, I found it necessary to remove, or
to cover in, some heaps of rocks, which were
immediately in front of the site shown on
plan. The latter was the more economical,
and I think more satisfactory course, and
was approved by the Lieutenant General
Commanding, and the Chief Instructor
for Musketry.

It being waste lands, the amount
given

given in the estimate for compensation would be saved.

4 But, against this were misgivings
2 Markers butts, instead of 4, were entered in the estimate. and no provision was made for the construction of platforms.

5 The lines of fire are crossed by 2 considerable ravines; from the nearer one we could see nothing of the bottom of the target, in consequence of the low ridge on which the old butt was situated. I was obliged, therefore, to make cuttings through this.

6 The firing platforms at 700 yards were in the farther ravine, one of which was dammed up to form a small tank. One platform, in this last was made by constructing a small island with a narrow roadway another in the stream way was built with stones from ricochet butts &c.

7 Roads also were required to enable the parties to proceed along their lines of fire without running risk of being shot by their neighbours.

8 I was able to carry ^{all} these out from the compensation money, and savings on

on the butts; but unfortunately, while the work was in progress, we had very continuous rain and unusually numerous heavy storms, so that the new earth of No 1 was quite saturated and slipped very badly to the rear. I was obliged to make a berm at foot, and to give the lower 12 feet of the face a slope of 1 in. instead of $\frac{1}{2}$ to 1. It was impossible to tamper the solution which the rain made of it.

9 The total excess is Rs 173-2-8 which I believe under the circumstances is very little.

I have the honour to be
Sir

Your most obedient servant
(Signed) H. J. Moberly Bt. R. E.
Executive Engineer

No 282

Encls. 1

Comparative statement

True copy forwarded to the Chief Engineer D. P. W. for the sanction of Government with original comparative statement.

20 Jan 4/79 }
Dip. 21st — }

Offic. Engr. Third Circle
C. W.

Br. P. work

No. 337 Wd/30th Jan 1879

MA Sanctioned

This sanction has been
registered as Imperial No. 1183 *Wk*
of 1878-79. *Wk* 24.1.79

S.E. Third Series

Ex. P. w. ant. *Wk* 1st. 1st. 1st.

Mily. Sept.

Wk 1st. 1st. 1st.

1730

Wk 13-2-79

1-2-79
No. 1879 Madras.
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. 30 Jan'y 1879. No. 337 W

Nos. 289-290

Volunteer Stof. Quartern
Batts & Co. Bangalore
The revised estimate for
dismanthling & rebuilding
the — structures

Est